

Application No.: 09/776,385
Amendment dated September 4, 2003
Reply to Office action dated April 4, 2003

Docket No.: H0610.0026/P026


Page 9, before line 1, insert the following:

What is claimed is:

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

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1. (Currently amended) Solid oxide fuel cell with a planar support in form of a porous metal and/or metal alloy plate structure supporting on one planar surface a layer of ~~electrode~~ anode active material and with internally elongated fuel gas supply channels formed inside the structure.
 2. (Currently amended) Solid oxide fuel cell of claim 1, wherein a planar surface on an opposite side to the surface supporting the ~~electrode~~ anode active material is being provided with a dense layer of gas impermeable and electronic conductive material.
 3. (Original) Solid oxide fuel cell of claim 2, wherein the dense layer is a ceramic and/or metallic layer.
 4. (Currently amended) Solid oxide fuel cell of claim 1, wherein the ~~electrode~~ anode layer is active in electrochemical anode reactions and wherein the layer is covered by a ~~further~~ dense layer of electrolyte material.
 5. (Original) Solid oxide fuel cell of claim 1, wherein the porous plate is made from ferritic stainless steel, nickel-based alloys and/or high chromium alloys.
 6. (Currently amended) Solid oxide fuel cell of claim 1, wherein ~~rim~~ of the porous plate has a ~~is~~ gas impermeable rim.

7. (Currently amended) Solid oxide fuel cell of claim 1, wherein ~~rim~~ of the porous plate has a rim which supports ~~is supporting~~ a dense layer of electrolyte material.

8. (Currently amended) Solid oxide fuel cell of claim 1, wherein the porous structure is impregnated with a catalyst ~~catalytic active in conversion of feed gas to fuel cell reactant gas.~~

9. (Previously presented) Use of a solid oxide fuel cell of claim 1 in generation of power from particulate matter containing gas.

Claim 10 (Cancelled).

11. (Currently amended) Solid oxide fuel cell of claim 3 5, wherein a planar surface on an opposite side to the surface supporting the ~~electrode~~ anode active material is being provided with a dense layer of gas impermeable and electronic conductive material.

12. (Currently amended) Solid oxide fuel cell of claim 4, wherein the dense layer is a ceramic ~~and/or metallic~~ layer.

13. (Currently amended) Solid oxide fuel cell of claim 5, wherein the ~~electrode~~ anode layer is active in electrochemical anode reactions and wherein the layer is covered by a further dense layer of electrolyte material.

14. (Previously presented) Solid oxide fuel cell of claim 6, wherein the porous plate is made from ferritic stainless steel, nickel-based alloys and/or high chromium alloys.

15. (Currently amended) Solid oxide fuel cell of claim 7, wherein the rim of the porous plate is gas impermeable.

16. (Currently amended) Solid oxide fuel cell of claim 8, wherein ~~rim~~
of the porous plate has a rim which supports ~~is supporting~~ a dense
layer of electrolyte material.

17. (Currently amended) Solid oxide fuel cell of claim 2 9, wherein
the porous structure is ~~catalytic active in conversion of feed gas to fuel~~
~~cell reactant gas~~ impregnated with a catalyst.
